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PTO/SB/01 (10-00)

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**

Declaration Submitted with Initial Filing Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

| | | |
|--------------------------|-------------------------|-----------|
| Attorney Docket Number | 102.1037.01 | |
| First Named Inventor | Andreas V. Bechtolsheim | |
| COMPLETE IF KNOWN | | |
| Application Number | 09 | / 732,497 |
| Filing Date | December 6, 2000 | |
| Group Art Unit | Not Assigned | |
| Examiner Name | Not Assigned | |

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Packet Processing Engine Architecture

(Title of the Invention)

the specification of which

is attached hereto

OR

was filed on (MM/DD/YYYY)

December 6, 2000

as United States Application Number or PCT International

(if applicable).

Application Number

09/732,497

and was amended on (MM/DD/YYYY)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed.

| Prior Foreign Application Number(s) | Country | Foreign Filing Date (MM/DD/YYYY) | Priority Not Claimed | Certified Copy Attached? YES | Certified Copy Attached? NO |
|-------------------------------------|---------|----------------------------------|--|--|--|
| | | | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

| Application Number(s) | Filing Date (MM/DD/YYYY) | <input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto. |
|-----------------------|--------------------------|--|
| | | |

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



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PTO/SB/01 (10-00)

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DECLARATION — Utility or Design Patent Application

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| 22883 PATENT TRADEMARK OFFICE | | | |
| Name | | | |
| Address | | | |
| Address | | | |
| City | | State | ZIP |
| Country | Telephone | | Fax |
| <p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.</p> | | | |
| NAME OF SOLE OR FIRST INVENTOR : | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | |
| Given Name (first and middle [if any]) | | Andreas V. | Family Name or Surname |
| Inventor's Signature | | | Date |
| Residence: City | Stanford | State CA | Country US |
| Citizenship Germany | | | |
| Mailing Address | P.O.Box 2005 | | |
| Mailing Address | | | |
| City Stanford | State CA | ZIP 94309 | Country France |
| NAME OF SECOND INVENTOR: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | |
| Given Name (first and middle [if any]) | | David R. | Family Name or Surname |
| Inventor's Signature | | | Date |
| Residence: City | Palo Alto | State CA | Country US |
| Citizenship Canada | | | |
| Mailing Address | 131 Cowper Street | | |
| Mailing Address | | | |
| City Palo Alto | State CA | ZIP 94301 | Country US |
| <input type="checkbox"/> Additional inventors are being named on the _____ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto. | | | |

RECEIVED

DECLARATION — Utility or Design Patent Application

Direct all correspondence to: Customer Number **22883**  OR Correspondence address below

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR : A petition has been filed for this unsigned inventor

| | | | |
|---|------------|---------------------------|--------------|
| Given Name (first and middle [if any]) | Andreas V. | Family Name or Surname | Bechtolsheim |
|---|------------|---------------------------|--------------|

| | |
|-------------------------|------|
| Inventor's Signature | Date |
|-------------------------|------|

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|-----------------|----------|-------|----|---------|----|-------------|---------|
| Residence: City | Stanford | State | CA | Country | US | Citizenship | Germany |
|-----------------|----------|-------|----|---------|----|-------------|---------|

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| Mailing Address | P.O.Box 2005 |
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| Mailing Address |
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|------|----------|-------|----|-----|-------|---------|--------|
| City | Stanford | State | CA | ZIP | 94309 | Country | France |
|------|----------|-------|----|-----|-------|---------|--------|

NAME OF SECOND INVENTOR: A petition has been filed for this unsigned inventor

| | | | |
|---|----------|---------------------------|----------|
| Given Name (first and middle [if any]) | David R. | Family Name or Surname | Cheriton |
|---|----------|---------------------------|----------|

| | | | |
|-------------------------|--------------------------|------|-------------------|
| Inventor's Signature | <i>David R. Cheriton</i> | Date | <i>11/08/2001</i> |
|-------------------------|--------------------------|------|-------------------|

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|-----------------|-----------|-------|----|---------|----|-------------|--------|
| Residence: City | Palo Alto | State | CA | Country | US | Citizenship | Canada |
|-----------------|-----------|-------|----|---------|----|-------------|--------|

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| Mailing Address | 131 Cowper Street |
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| Mailing Address |
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|------|-----------|-------|----|-----|-------|---------|----|
| City | Palo Alto | State | CA | ZIP | 94301 | Country | US |
|------|-----------|-------|----|-----|-------|---------|----|

Additional inventors are being named on the _____ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.



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PTO/SB/81 (10-00)

Approved for use through 10/31/2002. OMB 0651-0035
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POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

| | |
|------------------------|-------------------------|
| Application Number | 09/732,497 |
| Filing Date | December 6, 2000 |
| First Named Inventor | Andreas V. BECHTOLSHEIM |
| Group Art Unit | n/y/a |
| Examiner Name | n/y/a |
| Attorney Docket Number | 102.1037.01 |

I hereby appoint:

Practitioners at Customer Number

22883



OR

Practitioner(s) named below:

| Name | Registration Number |
|------|---------------------|
| | |
| | |
| | |
| | |

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

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Firm or Individual Name

Address

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I am the:

Applicant/Inventor.

Assignee of record of the entire interest. See 37 CFR 3.71.

Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

| | |
|-----------|---------------------------------------|
| Name | Robert Barr, Worldwide Patent Counsel |
| Signature | |
| Date | 3-19-01 |

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

*Total of _____ forms are submitted.



22883

PATENT TRADEMARK OFFICE

PTO/SB/96 (6-98)

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STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: Andreas V. BechtolsheimApplication No./Patent No.: 09/732,497 Filed/Issue Date: December 6, 2000Entitled: Packet Processing Engine ArchitectureCisco Technology, Inc., a Corporation,

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. the assignee of the entire right, title, and interest; or
2. an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

A. [x] An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. [] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

[] Additional documents in the chain of title are listed on a supplemental sheet.

[x] Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the PTO. See MPEP 302-302.8]

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

3/19/01
Date
Signature

Robert Barr

Typed or printed name

Worldwide Patent Counsel

Title



22883

PATENT TRADEMARK OFFICE

102.1037.01

COPY

ASSIGNMENT

WHEREAS, We, Andreas V. Bechtolsheim, a citizen of Germany, residing at P.O.Box 2005, Stanford, California 94309, and David R. Cheriton, a citizen of Canada, residing at 131 Cowper Street, Palo Alto, California 94301, have invented a **"Packet Processing Engine Architecture"** for which we have executed application papers for a U.S. patent thereon, which was filed on **December 6, 2000**, Serial No. **09/732,497**; and

WHEREAS, Cisco Technology, Inc., a California corporation, having a place of business at 170 West Tasman Drive, San Jose, California 95134-1706, is desirous of acquiring the exclusive right, title and interest in and to said invention and in and to the Letters Patent to be granted and issued therefor in the United States of America and its territories and possessions, and in all countries foreign thereto;

NOW, THEREFORE, for a valuable consideration, the receipt of which is hereby acknowledged, We, Andreas V. Bechtolsheim and David R. Cheriton, do sell, assign, transfer and set over unto the said Cisco Technology, Inc., its successors and assigns, the full and exclusive right, title and interest in and to said invention, and in and to any and all letters patent to be granted and issued therefor, not only for, to and in the United States of America, its territories and possessions, but also for, to and in all other countries including all priority rights under the International Convention; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said Cisco Technology, Inc., its successors and assigns, in accordance with this Assignment.

WITNESS OUR HAND at San Jose, this 14 day of
February, 2001.

Andreas V. Bechtolsheim

David R. Cheriton

COPY

22883
PATENT TRADEMARK OFFICE

102.1037.01

ASSIGNMENT

WHEREAS, We, Andreas V. Bechtolsheim, a citizen of Germany, residing at P.O.Box 2005, Stanford, California 94309, and David R. Cheriton, a citizen of Canada, residing at 131 Cowper Street, Palo Alto, California 94301, have invented a "Packet Processing Engine Architecture" for which we have executed application papers for a U.S. patent thereon, which was filed on **December 6, 2000**, Serial No. **09/732,497**; and

WHEREAS, Cisco Technology, Inc., a California corporation, having a place of business at 170 West Tasman Drive, San Jose, California 95134-1706, is desirous of acquiring the exclusive right, title and interest in and to said invention and in and to the Letters Patent to be granted and issued therefor in the United States of America and its territories and possessions, and in all countries foreign thereto;

NOW, THEREFORE, for a valuable consideration, the receipt of which is hereby acknowledged, We, Andreas V. Bechtolsheim and David R. Cheriton, do sell, assign, transfer and set over unto the said Cisco Technology, Inc., its successors and assigns, the full and exclusive right, title and interest in and to said invention, and in and to any and all letters patent to be granted and issued therefor, not only for, to and in the United States of America, its territories and possessions, but also for, to and in all other countries including all priority rights under the International Convention; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said Cisco Technology, Inc., its successors and assigns, in accordance with this Assignment.

WITNESS OUR HAND at San Jose, CA, this 8th day of
January, 2001.

Andreas V. Bechtolsheim



David R. Cheriton

Assignment